

Resource Summary Report

Generated by [NIF](#) on Sep 7, 2026

B6.129S1-Rela^{tm1Ukl/J}

RRID:IMSR_JAX:024342

Type: Organism

Proper Citation

RRID:IMSR_JAX:024342

Organism Information

URL: <https://www.jax.org/strain/024342>

Proper Citation: RRID:IMSR_JAX:024342

Description: Mus musculus with name B6.129S1-Rela^{tm1Ukl/J} from IMSR.

Species: Mus musculus

Notes: gene symbol note: Rela proto-oncogene; NFkB subunit; mutant strain|congenic strain: Rela

Affected Gene: Rela proto-oncogene; NFkB subunit

Genomic Alteration: targeted mutation 1; Ulf Klein

Catalog Number: JAX:024342

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129S1-Rela^{tm1Ukl/J}

Record Creation Time: 20250513T053750+0000

Record Last Update: 20260905T044530+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S1-Rela^{tm1Ukl/J}.

No alerts have been found for B6.129S1-Rela^{tm1Ukl/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 7 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Guichard V, et al. (2025) Pre-existing epigenetic state and differential NF- κ B activation shape type 2 immune cell responses. *Immunity*, 58(6), 1422.

Yin K, et al. (2022) Senescence-induced endothelial phenotypes underpin immune-mediated senescence surveillance. *Genes & development*, 36(9-10), 533.

Wang L, et al. (2022) Targeting p21Cip1 highly expressing cells in adipose tissue alleviates insulin resistance in obesity. *Cell metabolism*, 34(1), 75.

Yu Q, et al. (2021) Canonical NF- κ B signaling maintains corneal epithelial integrity and prevents corneal aging via retinoic acid. *eLife*, 10.

Lu C, et al. (2020) p50 suppresses cytotoxic T lymphocyte effector function to regulate tumor immune escape and response to immunotherapy. *Journal for immunotherapy of cancer*, 8(2).

Hou Y, et al. (2018) Non-canonical NF- κ B Antagonizes STING Sensor-Mediated DNA Sensing in Radiotherapy. *Immunity*, 49(3), 490.

Badran YR, et al. (2017) Human RELA haploinsufficiency results in autosomal-dominant chronic mucocutaneous ulceration. *The Journal of experimental medicine*, 214(7), 1937.